



GOVERNMENT OF
NEWFOUNDLAND AND LABRADOR

**Annual Fire Loss Report
OF THE
FIRE COMMISSIONER**

FOR THE YEAR ENDED DECEMBER 1987

DEPARTMENT OF JUSTICE
OFFICE OF THE FIRE COMMISSIONER
PLEASANTVILLE FIRE STATION
ST. JOHN'S, NEWFOUNDLAND



GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

DEPARTMENT OF JUSTICE

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St. John's, Newfoundland
Canada A1C 517

August 8, 1988

The Honorable Lynn Verge,
Minister of Justice,
Province of Newfoundland.

Madame:

I have the honor to submit herewith the Annual Fire Loss Report of the Office of the Fire Commissioner, Province of Newfoundland, for the calendar year ended December 31, 1987.

Respectfully Submitted,

Francis H. Ryan
FIRE COMMISSIONER

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1987 SUMMARY

OFFICE OF THE FIRE COMMISSIONER

The office of the Fire Commissioner seeks to minimize the loss of life and property caused by fire throughout the Province, through the promotion of public education on fire prevention practices and enforcement of The Fire Prevention Act.

FUNCTIONS

The Fire Commissioner, under the direction of the Minister of Justice, is responsible for the administering of The Fire Prevention Act, which deals in part with the prevention of fires; the storage, sale and use of flammables, combustibles and explosives; the installation and maintenance of fire detection and alarm systems and fire suppression and extinguishing equipment; the construction, maintenance the regulation of fire escapes; and the means and adequacy of exits from buildings in case of fire. The Fire Prevention Act also deals with the review of plans for new construction, alteration, and repair of public buildings; the investigation of the cause, origin and circumstances of fire and the compilation of Provincial yearly fire statistics. The office of the Fire Commissioner conducts a number of training programs involving Municipal fire-fighting training, code interpretation, fire prevention and fire investigation.

In administering the act, the Fire Commissioner and his staff:

- Evaluates Municipal Firefighting facilities and operations and advises Councils and Fire Chiefs on the overall fire protection status of their Municipalities;
- Prepares fire truck specifications for the Department of Municipal Affairs and recommends units and equipment to be purchased by the Municipalities;
- Publicizes and promotes public life safety and fire prevention;
- Inspects public commercial and industrial buildings and places of public assembly to ensure that fire and life safety regulations are adhered to;
- Regulates the number of persons allowed in public assembly buildings at any one time;
- Examines plans and specifications relative to construction, alteration and repair to determine that code requirements on fire protection and life safety are met to ensure the safety of the public;

- Evaluates all fire causes with a view towards preventing the reoccurrence of similar fires;
- Provides firefighter training to volunteer fire departments through a mobile firefighting training team;
- Prepares fire prevention and fire safety guidelines for all types of building occupancies and for specific procedures;
- Renders technical services to Architects, Engineers and their associates in the design and construction of structures in relation to code requirements on safety and fire protection.

The staff of the office of the Fire Commissioner consists of the Fire Commissioner; Deputy Fire Commissioner, one Engineer - Plan Review; five Fire Protection Technicians, one Regional Supervisor; one Secretary and two Clerk Steno II. In May 1988 a branch office was opened in Corner Brook, staffed by (1) Regional Supervisor and (1) Fire Protection Technician.

The total fire fatalities for 1987 indicates an increase from the records of 1986. During 1987 this Province recorded 17 deaths by fire in 388 residential fires, with a dollar loss of \$14,822,122.98. The increase in lives lost over 1986 was two (2) with a dollar decrease of \$1,224,653.12. The loss of 11 men, 2 women and 4 children is a grim reminder of all of us of the destructiveness of fire.

Cooking fat fires and careless cooking accounted for 149 of our fires involving \$2,300,010.51 in fire loss. Defective or improperly installed and operated heating appliances caused 121 fires involving \$2,620,745.24. Defective and overloaded electrical systems and appliances accounted for a dollar loss of \$3,401,621.32 involving 97 fires. Careless smoking and children playing with matches and lighters caused 55 fires involving a fire loss of \$748,601.95.

An aggressive public fire prevention program continued throughout 1987. It is strongly felt that the majority of the people of this Province are now very fire conscious. The objective of this office is to continue our program with the same emphasis during the years to come, and hopefully maintain the current interest and desire of our public to educate themselves in the prevention of fire and the preservation of life and property.

This past year the office of the Fire Commissioner continued in its fire prevention work involving technical fire inspections of schools, hotels, motels, nursing homes, clubs, lounges, commercial and industrial and provincial government buildings. This was in addition to those structures in municipalities that were inspected by local Fire Departments and the general public in promoting the prevention and fire safety in homes. Video tapes "Fire In Your Home", "Fire In Your Hospital" and "Fire Chemistry" were in constant use throughout the year for institutional and public lectures and demonstrations into civic organizational groups, PTA groups, School Boards, School Principals and teachers and many

others were only a part of the continued year round fire prevention program. In addition, 100,000 copies of various types of fire prevention literature, posters, pamphlets and others were distributed during the year throughout the Province through the municipal fire departments and by direct mailings.

To provide guidance to 270 organized fully paid and volunteer fire departments in our province, in matters pertaining to fire department administration, fire prevention and standardization of procedures, several of the 28 published Fire Commissioner's Bulletins were revised and updated. Our publication "Your Volunteer Fire Department" was distributed to all new Municipalities to assist them in organizing and operating a volunteer fire department. Meetings were held with Municipal Councils to discuss their fire department activities and overall fire protection within their Municipality.

To establish a direct line of communication between this office and all the organized fire departments, R.C.M.P. Detachments, Royal Newfoundland Constabulary and other government departments, the "Fire-Com-News" quarterly publication was published. This publication contains update information of firefighting, administration, policy, Fire Commissioner's rulings, code interpretations and information of a general nature.

The Fire Advisory Council, as referred to in The Fire Prevention Act met 4 times in 1987.

The objective of the Council is to advise the Minister on any matters within the purview of the Act.

The Provincial Mobile Firefighting Training under direction of this office, provided firefighting training to 140 Municipalities involving 14,421.5 training man hours for 709 volunteer firefighters from May to November 1987. Five (5) Fire Prevention Seminars were conducted between November 1987 and March 1988, accommodating 205 people.

During the year this office recommended, and the Department of Municipal Affairs approved, the expenditure of \$750,000.00 for municipal firefighting equipment within the Province on a 75/25 cost sharing basis.

This office updated standards on mobile firefighting apparatus for the Province thereby initiating a standardization program for future use and application.

The week of October 4-10, 1987 was observed in this province, as well as throughout Canada, as "Fire Prevention Week". The week was officially proclaimed by our Minister of Justice. The majority of our Municipal Fire Departments throughout the Province participated. Some conducted very elaborate public education programs. This office assisted in the distribution to all fire chiefs special information and literature for use during Fire Prevention Week. Observance of Fire Prevention Week in this Province will continue as a means to further educate our public in fire prevention and life safety procedures. A special year round fire prevention contest was held within the Province, sponsored by this office. The Marystown Volunteer Fire Department was the grand award winner for 1987.

The Fire Commissioner and members of his staff had the honor to attend and address delegates attending the following conventions and/or meetings on fire protection matters:- Associations of Canadian Fire Marshals and Fire Commissioners, Newfoundland and Labrador Association of Fire Chiefs and Firefighters, Municipal Fire Department functions and the Newfoundland Hotel/Motel Association. In addition, fire lectures, live demonstrations, addresses on fire related matters were presented to several Civic Organizations and Municipal Councils.

Over 100 Municipal Fire Chiefs serve as Local Assistants to the Fire Commissioner, as appointed by the Minister of Justice under The Fire Prevention Act. Special guidelines have been written for the local Assistants.

Assistance is rendered to the Police in the investigating of fires which may be considered to be of doubtful origin, as the members of these forces have the responsibility of investigating all fires occurring within their jurisdiction. Assistance is also given by this office when required and to the members of the St. John's Fire Department. The assigned Special Assistant to the Fire Commissioner on Fire Investigation is available on call to both Police forces and the St. John's Fire Department.

In conclusion we wish to acknowledge the assistance given to this office by all the appointed Local Assistants to the Fire Commissioner, the local representative of the Fire Commissioner of Canada, the St. John's, Corner Brook and Stephenville Fire Departments, the Royal Newfoundland Constabulary, the Newfoundland and Labrador Association of Fire Chiefs and Firefighters, the Federation of Municipalities, the Royal Canadian Mounted Police, all the organized volunteer fire departments throughout the Province, all Municipal Councils, Insurance Adjusters, Investigators, Radio, Television and all the Government Departments and agencies without whose help many of the job accomplishments of this office could not have been attended to.

Finally, this office wishes to thank the general public of our Province who have shown such a great interest in our overall Fire Prevention Program and who have willingly participated in our fire safety activities. The concept of "Total Involvement" must always be the keynote of success in our combined effort to drastically reduce our fire deaths and injuries and fire losses. The office officially adopted the fire prevention slogan from the National Fire Protection Association titles "LEARN NOT TO BURN" in 1980, and strives to maintain it's meaning.

OFFICE OF THE FIRE COMMISSIONER

DEPARTMENT OF JUSTICE

1987

TOTAL FIRE LOSS

Number of Insured Fires	514
Number of Uninsured Fires	254
Total Number of Fires (including arson)	<u>768</u>
Loss covered by Insurance	12,414,743.19
Uninsured Loss (based on replacement value)	<u>2,407,379.79</u>
Total Fire Loss	\$14,822,122.98

TABLE 1

STRUCTURAL FIRE LOSS

Number of Insured Fires	368
Number of Uninsured Fires	186
Total Number of Fires (including arson)	<u>554</u>
Loss covered by Insurance (as reported)	11,295,130.35
Uninsured Loss (based on replacement value)	<u>2,131,975.00</u>

TABLE 2

VEHICLE FIRE LOSS

Number of Insured Fires	142
Number of Uninsured Fires	64
Total Number of Fires (including arson)	206
Loss covered by Insurance (as reported)	920,612.84
Uninsured Loss (based on replacement value)	241,304.79

TABLE 3

MARINE FIRE LOSS

Number of Insured Fires	04
Number of Uninsured Fires	04
Total Number of Fires (including arson)	08
Loss covered by Insurance (as reported)	199,000.00
Uninsured Loss (based on replacement value)	34,100.00

TABLE 4

MONTHLY FIRE LOSS REPORT - 1987	INSURED		UNINSURED	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
JANUARY	52	1,709,331.37	18	174,675.00
FEBRUARY	45	776,368.66	18	207,055.00
MARCH	53	779,118.65	20	449,675.00
APRIL	40	671,687.32	20	161,200.00
MAY	40	616,993.06	28	238,200.00
JUNE	45	1,275,948.72	26	175,500.00
JULY	32	386,603.04	27	130,150.00
AUGUST	29	2,526,207.49	20	131,120.00
SEPTEMBER	48	790,342.41	20	116,100.00
OCTOBER	45	981,935.62	16	172,650.00
NOVEMBER	37	495,102.21	25	318,950.00
DECEMBER	48	1,405,104.64	16	132,104.79
TOTALS	514	12,414,743.19	254	2,407,379.79

TABLE 5

STRUCTURAL FIRE CAUSES REPORTED	<u>INSURED</u>		<u>UNINSURED</u>	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
<u>ELECTRICAL</u>				
Appliances	13	428,744.43	5	83,075.00
Exposure to Appliances	1	1,795.00	-	-
Overload	2	117,000.00	1	13,000.00
Short Circuit & Faulty Wiring	52	2,283,806.89	19	303,700.00
Electric Heaters	3	168,500.00	1	2,000.00
<u>HEATING EQUIPMENT</u>				
Kerosene Heater	1	7,000.00	1	30,000.00
Chimneys, pipes, etc.	50	518,615.27	20	158,000.00
Fireplaces	2	23,175.00	-	-
Furnaces, stoves	29	1,720,354.97	18	163,600.00
<u>ARSON</u>	11	446,438.62	25	177,620.00
<u>KITCHEN</u>				
Cooking Oils, grease	122	1,908,530.51	27	391,480.00
<u>PETROLEUM PRODUCTS</u>				
Gasoline Spilled/Exposure to Fumes	2	37,800.00	1	3,000.00
Misuse Flammable Liquids	5	25,980.26	1	20,000.00
<u>SPONTANEOUS IGNITION</u>	14	351,323.64	12	19,850.00

STRUCTURAL FIRE CAUSES REPORTED	INSURED		UNINSURED	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
<u>SMOKING, MATCHES, LIGHTERS</u>				
Children Playing w/matches Lighters	11	131,507.99	13	64,400.00
Children Playing w/elect. cord	1	69,089.96	-	-
Smoking in Bed	-	-	8	72,400.00
Careless Smoking	14	359,929.00	8	51,275.00
<u>UNDETERMINED</u>	9	2,281,454.43	8	55,400.00
<u>"OPEN" FLAMES</u>				
Grass Fire	-	-	1	50.00
Propane Torch	7	99,512.16	2	215,000.00
Sparks/Hot Ashes	7	75,651.67	8	30,125.00
Candle	4	65,587.70	1	500.00
Exposure to Fire	5	102,149.26	3	54,000.00
Lightening	1	21,683.59	-	-
<u>MISCELLANEOUS</u>	2	49,500.00	3	223,500.00

TABLE 6

VEHICLE FIRE CAUSES REPORTED	INSURED		UNINSURED	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
<u>CARBURETOR</u>				
Backfire in Carburetor	5	14,972.76	2	400.00
Faulty Carburetor	24	49,887.11	9	15,600.00
<u>ELECTRICAL SYSTEMS</u>				
Faulty Wiring, etc.	63	287,881.82	21	72,550.00
<u>ARSON</u>				
	7	60,862.38	6	13,600.00
<u>PETROLEUM PRODUCTS</u>				
Gasoline Leakage/Vapor Ignition	9	73,801.00	6	11,700.00
Gasoline Spilled/ Exposure to Fire	1	200.00	2	1,254.79
<u>SMOKING, MATCHES</u>				
Children playing w/matches	1	3,308.00	1	7,000.00
Careless Smoking	1	1,100.00	2	18,000.00
<u>WELDING</u>				
	3	53,500.00	-	-
<u>VANDALISM</u>				
	-	-	1	1,800.00
<u>SPARKS</u>				
	3	13,955.23	1	500.00
<u>SPONTANEOUS COMBUSTION</u>				
	5	52,596.54	3	11,200.00

VEHICLE		INSURED		UNINSURED	
FIRE CAUSES REPORTED	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS	
<u>MUFFLER/EXHAUST/ENGINE</u>	5	4,405.00	4	21,800.00	
<u>EXPOSURE TO FIRE</u>	3	172,900.00	1	29,000.00	
<u>HEATER</u>	2	16,400.00	-	-	
<u>UNDETERMINED</u>	6	56,267.00	1	2,000.00	
<u>MISCELLANEOUS</u>	4	58,576.00	4	34,900.00	

TABLE 7

MARINE FIRE CAUSES REPORTED	INSURED		UNINSURED	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
<u>ELECTRICAL</u>				
Faulty Wiring	-	-	1	20,000.00
<u>HEATING EQUIPMENT</u>				
Oil Stove	1	130,000.00	-	-
<u>ARSON</u>	1	1,000.00	2	6,100.00
<u>GASOLINE SPILL</u>	-	-	1	8,000.00
<u>ENGINE/CARBURETOR</u>	1	65,000.00	-	-
<u>ACETYLENE TORCH</u>	1	3,000.00	-	-

TABLE 8

FIRE FATALITIES 1987

MEN - 11	WOMEN - 2	CHILDREN - 4
TOTAL - 17		

FIRE FATALITIES 1986

MEN - 9	WOMEN - 4	CHILDREN - 2
TOTAL - 15		

TABLE 9

BREAKDOWN OF FIRE FATALITIES

FATALITIES FROM FIRES - JANUARY 1 - DECEMBER 31, 1987

DATE	NAME OF DECEASED	AGE	LOCATION	CIRCUMSTANCES
01/01	Frank Mogridge	86	Goulds	Electrical
01/25	Jeanette Webber	25	Springdale	Electrical Short from Lamp.
	Stephanie Burt	5		
	Garland Burt	4		
	Justin Burt	2		
02/05	Dennis McDonald	22	Windsor	Cooking Fat
05/29	William Hannon	70	Low Point	Electrical
06/05	Harold Noseworthy	72	Bryant's Cove	Cooking Fat
06/27	Bill Moakler	27	Bay Bulls	Smoking in Bed
09/12	Christopher Parsons	30	Barachoise Brook	Candle
	Thomas Dybau	38		
10/22	Joseph Butler	55	Kelligrews	Carleless Smoking.
	Mary Butler			
11/08	Joseph Roberts	53	Bobby's Cove, Point leamington.	Wood Stove
12/10	Joey Penunsi	9 mo.	Sheshatshit, Lab.	Stove Pipe.
12/12	Gerald Broadens	26	Bay de Verde	Cooking Fat
12/27	Terrance J. Gash	25	Corner Brook	Cooking Fat

TABLE 10

TEN YEAR REPORTED FIRE ANALYSIS

<u>YEAR</u>	<u>INSURED FIRES</u>	<u>UNINSURED FIRES</u>	<u>TOTAL NO. OF FIRES</u>
1978	424	308	732
1979	569	317	886
1980	693	365	1,058
1981	543	348	891
1982	628	327	955
1983	628	315	943
1984	683	318	1,001
1985	643	276	919
1986	601	276	877
1987	514	253	767
<u>TOTAL</u>	<u>5,926</u>	<u>3,103</u>	<u>9,029</u>

TABLE 11

TEN YEAR FIRE FATALITY ANALYSIS

<u>YEAR</u>	<u>MEN</u>	<u>WOMEN</u>	<u>CHILDREN</u>	<u>TOTAL</u>
1978	15	2	13	30
1979	5	3	9	17
1980	9	6	16	31
1981	6	4	5	15
1982	9	3	11	23
1983	9	5	7	21
1984	7	2	8	17
1985	15	3	3	21
1986	9	4	2	15
1987	11	2	4	17
TOTAL	95	34	78	207

TABLE 12

TEN YEAR FIRE LOSS ANALYSIS

<u>YEAR</u>	<u>INSURED LOSS</u>	<u>UNINSURED LOSS</u>	<u>TOTAL LOSS</u>
1978	10,245,663.66	2,306,791.20	12,552,454.86
1979	13,834,883.48	2,556,768.50	16,391,651.98
1980	10,082,423.37	2,119,175.68	12,201,599.05
1981	11,403,197.86	3,815,927.16	15,219,125.02
1982	18,320,521.98	2,081,309.33	20,401,831.31
1983	19,689,786.68	2,711,584.60	22,401,371.28
1984	12,680,423.97	2,405,525.89	15,085,949.86
1985	17,593,037.84	2,975,860.56	20,568,898.40
1986	13,891,398.80	2,142,377.30	16,033,776.10
1987	12,414,743.19	2,407,379.79	14,822,122.98
TOTAL	140,156,080.83	25,522,700.01	165,678,780.84

TABLE 13

ARSON STATISTICS - 1987

R.C.M.P. REPORT

ACTUAL ARSONS

57

<u>CHARGE</u>	<u>CLEARED BY</u>	<u>OTHERWISE</u>
17		3

R.N.C. REPORT

ACTUAL ARSONS

23

<u>CHARGE</u>	<u>CLEARED BY</u>	<u>OTHERWISE</u>
15		

TOTAL ACTUAL ARSONS	-	80
TOTAL CHARGED	-	32
TOTAL CLEARED OTHERWISE	-	3

TABLE 14

1987

LARGE FIRE LOSSES

LIST OF ALL FIRES IN WHICH LOSS EXCEEDED \$200,000.00

<u>DATE</u>	<u>PLACE</u>	<u>OCCUPANCY</u>	<u>CAUSE</u>	<u>LOSS</u>
01/19	St. John's	Warehouse	Furnace	1,000,000.00
06/26	La Scie	Store	Electric Short	270,000.00
08/10	St. Bernard's	School	Undetermined	1,963,000.00
10/06	Carmanville	Superette	Electric Short in Freezer	300,000.00
12/06	Placentia	Pharmacy	Electric Short	314,869.00
				\$3,847,869.00

TABLE 15

FIRE INJURIES - 1987

<u>DATE</u>	<u>FIREFIGHTERS</u>	<u>CIVILIANS</u>
JAN.	-	-
FEB.	-	1
MAR.	-	2
APRIL	-	-
MAY	-	2
JUNE	-	2
JULY	-	1
AUG.	-	3
SEPT.	-	3
OCT.	1	-
NOV.	-	-
DEC.	-	3
	1	17

TABLE 16

OCCUPANCY GROUP CLASSIFICATION	INSURED		UNINSURED	
	NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
<u>INSTITUTIONS</u>				
Hospitals	1	4,944.00	1	500.00
Group Homes/Youth Centres	2	171,987.00	1	60,000.00
<u>MARINE PROPERTIES</u>				
Ships	4	199,000.00	4	34,100.00
<u>POULTRY & FARM PROPERTIES</u>				
Barns	-	-	4	22,000.00
<u>INDUSTRIAL</u>				
Mills/Plants	4	115,000.00	2	200,050.00
<u>RESIDENTIAL PROPERTIES</u>				
Apartments	10	306,444.99	4	39,200.00
Apartment/Lounge	1	92,500.00	-	-
Cabins	6	86,750.00	12	43,100.00
Mobile Homes	3	38,800.00	-	-
Dwellings	283	5,187,212.03	105	1,349,855.00
Trailers	2	11,186.70	7	42,600.00
Tent	-	-	1	250.00
Vacant Buildings	-	-	4	3,250.00
<u>ASSEMBLY PROPERTIES</u>				
Churches	1	6,500.00	-	-
Schools	5	2,000,200.00	1	100.00
Stadium	1	45,309.67	-	-
<u>VEHICLES</u>				
	142	920,612.84	64	241,304.79

TABLE 17

OCCUPANCY CLASSIFICATION	NO. OF FIRES	INSURED	LOSS	NO. OF FIRES	UNINSURED	LOSS
<u>COMMERCIAL PROPERTIES</u>						
Lounge/Furniture Store	1		76,319.69	-		-
Garages	7		64,879.39	5		18,050.00
Appliance Repair Shop	1		36,166.15	-		-
Garage/Auto Parts/ Building Supplies	1		145,000.00	-		-
Restaurants	2		81,554.90	-		-
Take-outs	1		23,000.00	1		500.00
Convenience Store/ Body Shop	1		60,500.00	-		-
Store/Dwelling	3		159,551.64	-		-
Stores	6		412,279.28	1		200.00
Superette	1		300,000.00	-		-
Drug Store	1		314,869.00	-		-
Hotel/Motel	5		227,506.04	-		-
Warehouses/Sheds	18		1,203,061.42	37		352,320.00
Offices	1		123,608.45	-		-

TABLE 17

CITY AND TOWN FIRE LOSSES	(1981)POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Admiral's Beach	362	-	-	1	1,000.00
Amherst Cove		-	-	1	3,600.00
Anchor Point	368	2	63,600.00	-	-
Aquaforte	200	2	13,066.29	-	-
Arnold's Cove	1,124	-	-	1	5,000.00
Avondale	890	1	3,776.24	1	1,000.00
Badger	1,090	1	1,600.00	2	2,300.00
Baie Verte	2,491	3	6,000.00	1	100.00
Barachois Brook		-	-	1	500.00
Bay Bulls	1,150	1	4,500.00	1	20,000.00
Bay de Verde	786	2	65,000.00	1	30,000.00
Bay L'Argent	483	-	-	1	4,000.00
Bay Roberts	4,514	1	13,000.00	3	6,400.00
Bears Cove		-	-	1	12,000.00
Bellevue, T.B.		1	3,000.00	-	-
Bell Island	4,254	2	28,000.00	7	9,350.00
Belleoram	565	-	-	1	30,000.00
Benoit's Cove		3	45,135.40	4	39,200.00
Bide Arm	339	-	-	1	20,000.00
Birchy Bay, Lab.	707	2	85,000.00	-	-
Bird Cove	400	1	2,000.00	-	-
Bishop's Falls	4,405	7	34,715.79	2	2,600.00
Bishop's Cove	369	1	49,667.84	1	5,000.00
Black Duck Cove		-	-	1	5,000.00
Bloomfield		-	-	2	4,700.00
Blue Cove		1	100,000.00	-	-
Bobby's Cove		-	-	1	15,000.00

TABLE 18

CITY AND TOWN FIRE LOSSES	(1981)POP.	NO. OF FIRES	INSURED LOSS	NO. OF FIRES	UNINSURED LOSS
Bonavista	4,460	2	24,150.00	1	3,000.00
Botwood	4,074	7	213,634.74	4	24,100.00
Branch	462	1	3,531.15	-	-
Brigus	902	1	4,055.42	-	-
Brighton	320	-	-	1	20,000.00
Broad Cove		1	30,000.00	-	-
Brookfield		1	8,000.00	-	-
Buchans	1,655	-	-	1	5,000.00
Burin	2,904	2	79,500.00	-	-
Burin Bay Arm		1	1,500.00	-	-
Bull's Cove		-	-	1	1,200.00
Bunyan's Cove		2	5,500.00	1	8,000.00
Burgeo	2,504	-	-	2	5,150.00
Burlington	405	-	-	1	4,000.00
Burnt Islands	991	2	27,358.19	-	-
Burnt Point		1	57,000.00	-	-
Butterville		1	1,175.00	-	-
Byrant's Cove		-	-	1	65,000.00
Carbonear	5,341	1	30,000.00	2	5,000.00
Cape Anguille		1	35,000.00	-	-
Carmanville	966	2	332,600.00	1	15,000.00
Cartwright	674	-	-	2	5,900.00
Castor River North		2	22,353.00	-	-
Catalina	1,162	3	21,659.00	-	-
Cavendish		2	19,438.67	-	-
Chamberlains, C.B.		1	6,764.18	-	-
Chapel Arm	689	1	17,781.00	1	7,000.00

TABLE 18

CITY AND TOWN FIRE LOSSES	(1981)POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Chapel's Cove		1	800.00	-	-
Charlottetown, Lab.		1	2,000.00	-	-
Charlston		-	-	1	10,000.00
Clarenaville	2,878	6	63,633.94	1	1,500.00
Clarke's Beach	1,009	4	126,093.25	-	-
Clarke's Head		-	-	1	2,000.00
Colinet	318	-	-	1	20,000.00
Colliers	832	1	1,200.00	-	-
Coley's Point		1	40,000.00	1	16,000.00
Come-By-Chance	337	2	157,900.00	2	259,000.00
Conne River	588	-	-	2	14,400.00
Cormack	788	4	86,713.65	2	30,250.00
Corner Brook	24,339	33	838,604.73	4	55,500.00
Cow Head	695	1	4,300.00	-	-
Cox's Cove	980	2	10,785.77	-	-
Creston South		2	10,514.44	-	-
Crow Head	318	2	7,100.00	-	-
Cupids Crossing		2	39,650.00	-	-
Daniel's Harbour	614	-	-	2	52,000.00
Davis Inlet, Lab.	240	-	-	1	56,300.00
Deep Bight		-	-	1	1,200.00
Deer Lake	4,348	3	107,274.69	5	5,050.00
Degrau		3	7,431.40	-	-
Dildo		-	-	1	15,000.00
Dunville	1,817	1	1,500.00	1	100.00
Durrell	1,145	2	15,973.35	-	-
Eastport	597	1	2,414.32	-	-
Elliston	527	1	1,115.52	-	-

CITY AND TOWN FIRE LOSSES	(1981)POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Englee	998	2	55,000.00	-	-
English Harbour	316	1	1,000.00	-	-
Ferndale		1	1,500.00	-	-
Ferryland	795	1	2,950.00	-	-
Flatrock	808	1	9,800.00	1	20,000.00
Flower's Cove	459	-	-	1	15,000.00
Fogo Island	1,105	1	4,280.00	1	3,000.00
Forteau	580	1	51,500.00	-	-
Fortune	2,473	1	6,051.64	1	6,580.00
Foxtrap		-	-	1	300.00
Frederickton		-	-	1	75.00
Frenchman's Cove	295	-	-	1	300.00
Freshwater	1,276	1	1,000.00	-	-
Gambo	2,932	3	14,973.39	1	7,500.00
Gander	11,115	17	116,912.89	2	5,500.00
Garden Cove		1	2,000.00	-	-
Garnish	761	1	45,000.00	1	5,000.00
Glovertown	2,165	3	11,497.03	1	8,000.00
Goobies		1	12,175.34	-	-
Gooseberry Cove		1	130,000.00	-	-
Goulds	4,242	3	28,553.00	3	31,000.00
Grand Bank	3,901	2	51,249.41	2	5,000.00
Grand Falls	9,228	9	166,865.08	3	85,800.00
Grand Le Pierre	381	1	6,150.00	-	-
Green's Harbour		-	-	1	8,000.00
Gull Island		1	1,400.00	-	-

TABLE 18

CITY AND TOWN FIRE LOSSES	(1981)POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Hallstown		1	45,000.00	-	-
Happy Valley, Goose Bay	7,248	5	101,561.70	9	50,720.00
Harbour Grace	2,988	-	-	2	2,500.00
Harbour Main, C.B.	1,303	3	75,570.00	-	-
Harcourt		1	200.00	-	-
Hare Bay	1,520	-	-	1	2,000.00
Harrison		1	131,987.00	-	-
Hawke's Bay	553	1	25,000.00	-	-
Heart's Content	625	1	90,000.00	-	-
Heart's Delight	899	1	55.00	-	-
Heatherton		1	8,950.00	-	-
Hermitage	863	1	200.00	-	-
Holyrood	1,789	1	3,517.84	2	1,000.00
Howley	456	-	-	2	9,200.00
Indian Bay	192	3	212,935.81	-	-
Indian Cove		-	-	1	2,000.00
Island Harbour		-	-	1	10,000.00
Isle Aux Morts	1,238	1	9,138.53	-	-
Jamestown		1	1,000.00	1	100.00
Jeffreys		1	2,080.00	-	-
Jerseyside		-	-	1	5,000.00
Johns Beach		1	362.73	-	-
Journals Brook		-	-	1	500.00
Kelligrews		7	135,639.00	-	-
Kippens	1,219	2	9,650.00	1	50.00

TABLE 18

CITY AND TOWN FIRE LOSSES (1981)POP.			INSURED		UNINSURED	
			NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Labrador City	8,664		10	103,982.76	2	6,800.00
Ladle Cove			1	1,150.26	-	-
Lamaline	548		1	6,000.00	-	-
L'anse Amour, Lab.			1	10,000.00	-	-
L'anse au Loup	655		1	22,000.00	-	-
Lark Harbour	783		4	42,283.46	-	-
La Scie	1,422		2	278,000.00	2	65,050.00
Lawn	999		2	30,000.00	1	500.00
Lethbridge			2	10,000.00	1	12,000.00
Lewisporte	3,963		4	54,960.12	2	16,000.00
Little Bay, SMB			1	3,000.00	-	-
Little Harbour			1	1,650.00	-	-
Little Heart's Ease			1	5,000.00	-	-
Little St. Lawrence			1	800.00	-	-
Long Beach			1	19,991.10	-	-
Lord's Cove	384		-	-	1	1,375.00
Lourdes	955		-	-	1	250.00
Lower Cove			1	2,500.00	-	-
Low Point			-	-	1	15,000.00
Mainland			-	-	3	28,050.00
Main Point			1	45,000.00	-	-
Mall Bay, SMB			1	4,800.00	-	-
Marches Point			1	4,000.00	-	-
Marystown	6,299		9	62,350.00	5	5,400.00
Marysvale			-	-	2	700.00
McIvers	736		2	2,446.81	-	-

CITY AND TOWN FIRE LOSSES	(1981)POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Melrose	416	2	400.00	-	-
Millertown	228	1	18,273.00	-	-
Ming's Bight	437	-	-	1	18,000.00
Morris Brook		-	-	1	1,000.00
Mount Moriah	751	1	5,000.00	2	1,000.00
Mount Pearl	17,487	6	90,666.04	1	200.00
Musgrave Harbour	1,554	2	20,400.00	-	-
Musgravetown	635	5	13,080.31	-	-
Nain, Lab.	1,018	-	-	2	15,200.00
New Bonaventure		-	-	1	4,000.00
Newferalle		1	2,654.64	-	-
New Harbour		2	122,000.00	-	-
New Melbourne		1	7,300.00	-	-
Newtown	511	-	-	1	1,200.00
Nicholsville		-	-	1	200.00
Norman's Cove	1,152	1	6,490.95	-	-
Norris Arm South		1	76,197.00	-	-
North West River, Lab.	526	1	800.00	1	3,000.00
Old Shop		-	-	1	5,000.00
Outer Cove		1	45,000.00	-	-
Paradise	2,861	2	19,409.03	-	-
Pasadena	3,162	10	55,796.25	1	5,000.00
Peterview	1,119	-	-	1	15,000.00
Piccadilly		-	-	1	1,000.00
Pinchgut Lake		1	3,800.00	-	-

TABLE 18

CITY AND TOWN FIRE LOSSES	(1981)pop.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Piñware, Lab.	196	1	145,000.00	-	-
Placentia	2,204	3	387,958.96	-	-
Plate Cove West	302	-	-	1	40,000.00
Plum Point		1	7,000.00	-	-
Point Leamington	848	2	25,463.66	-	-
Point Verde		1	5,000.00	-	-
Port au Port East		2	26,478.17	-	-
Port Anson	154	-	-	1	10,000.00
Port Aux Basques	6,105	4	10,098.21	1	10,000.00
Port Aux Choix	1,311	5	130,610.35	2	37,000.00
Port Blandford	702	-	-	2	16,000.00
Port Saunders	769	5	240,164.46	2	20,500.00
Portugal Cove	2,361	2	13,000.00	1	500.00
Port Union	671	-	-	1	600.00
Pouch Cove	1,522	-	-	1	20,000.00
Princeton		1	580.00	-	-
Queen's Cove Intersection		1	500.00	-	-
Ramea	1,386	-	-	2	2,200.00
Red Cliff		1	20,000.00	-	-
Reidville	413	1	3,865.00	-	-
Riverhead	431	2	525.00	2	2,900.00
Robinsons		-	-	1	30,000.00
Roddickton	1,142	1	3,520.86	4	22,900.00
Rose Blanche	975	1	65,000.00	-	-
Rushoon	520	2	73,500.00	-	-
St. Alban's	1,968	-	-	2	1,000.00
St. Bernard's	696	2	2,008,332.69	-	-

CITY AND TOWN FIRE LOSSES	(1981) POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
St. Brerdan's	468	1	8,532.00	-	-
St. Bride's	599	1	250.00	-	-
St. David's		1	2,844.37	1	4,400.00
St. George's	1,886	-	-	1	6,500.00
St. John's	102,050	68	1,798,415.92	38	221,900.00
St. Lawrence	2,012	2	34,581.52	-	-
St. Mary's, SMB	701	1	250.00	-	-
St. Phillips	1,365	1	3,714.00	1	15,000.00
St. Shott's	239	1	1,000.00	-	-
St. Stephen's		1	58,482.94	-	-
St. Theresa		-	-	2	1,600.00
St. Vincent's	796	-	-	1	2,000.00
Salmon Cove	786	1	60,500.00	-	-
Sandy Cove, BB	187	1	40,000.00	1	200,000.00
Seavage Cove		1	28,100.00	-	-
Seal Cove, CB		-	0	1	70,000.00
Shallop Cove		-	-	1	15,000.00
Shearstown		2	5,500.00	1	15,000.00
Sheshatchit, Lab.		-	-	1	250.00
Ship Cove		1	40,664.96	-	-
Shoal Cove East		1	10,000.00	-	-
Shoal Harbour	1,000	1	1,200.00	-	-
Shoe Cove		-	-	1	554.79
Southern Harbour	772	2	42,501.00	-	-
Spaniard's Bay	2,125	2	3,114.37	-	-
Spanish Room, Burin		1	3,000.00	-	-
Springdale	3,501	7	172,542.36	4	6,700.00

CITY AND TOWN FIRE LOSSES	(1981) POP.	INSURED		UNINSURED	
		NO. OF FIRES	LOSS	NO. OF FIRES	LOSS
Spruce Brook, CB		1	12,000.00	-	-
Stephenville	8,876	10	174,604.21	2	16,000.00
Stephenville Crossing	2,172	3	6,725.00	3	20,975.00
Steady Brook	377	2	123,580.00	-	-
Strong's Island		-	-	1	8,000.00
Summerside	848	5	36,180.59	-	-
Summerville		1	450.00	-	-
Sunnyside	703	1	10,000.00	-	-
Terrenceville	796	2	19,631.50	-	-
Thorburn Lake		1	12,000.00	-	-
Topsail, CB		5	165,122.08	-	-
Torbay	3,394	4	42,523.00	1	1,500.00
Tors Cove		1	7,000.00	1	18,500.00
Trepassey	1,473	3	91,150.00	1	4,000.00
Triton	1,235	1	34,858.22	-	-
Twillingate	1,506	1	1,000.00	-	-
Upper Gullies		2	16,391.87	-	-
Valleyfield		1	1,000.00	-	-
Victoria	1,870	1	2,500.00	-	-
Wabush	2,637	8	50,495.69	-	-
Wesleyville	1,225	1	60,000.00	2	5,500.00
Western Bay		1	200.00	-	-
West St. Modeste	221	-	-	1	1,500.00
Whitbourne	1,151	3	98,626.81	1	60,000.00
Windsor	5,747	9	212,459.33	5	71,575.00
Wing's Point		1	500.00	-	-

FIRE DEPARTMENTS WITHIN THE PROVINCE

AS OF DECEMBER 31, 1987

Fully Paid Fire Departments	3	City of St. John's City of Corner Brook Town of Stephenville	270 Men 66 Men 16 Men
Partially Paid Fire Departments	4	Town of Grand Falls Labrador City Town of Gander Town of Happy Valley/Goose Bay	
Municipal Volunteer Fire Departments	270	Town - Communities Local Service Districts and Incorporated areas. Average personnel on each volunteer fire department. Firefighting Forces Career Firefighters Volunteer Firefighters	312 30 325 6,230
Industrial Fire Departments (with fire apparatus)	5	ERCO Come By Chance (caretaker force) Advocate Mines Wabush Mines Churchill Falls Power Corp.	
Canada Armed Forces	2	CFS, Gander CFB Goose Bay	
Federal Fire Departments (DPW)	1	Goose Bay	
Federal Fire Departments (MOT)	7	St. John's Airport Gander Airport Deer Lake Airport Stephenville Airport	Wabush Airport Churchill Falls Airport St. Anthony Airport
Federal Fire Departments (National Parks)	2	Terra Nova Gros Morne	

FIRE DEPARTMENTS WITHIN THE PROVINCE

American Naval Air Station	1	Argentina
Breathing Apparatus Recharge Centers	14	St. Anthony Corner Brook Stephenville Port Aux Basques Deer Lake Marystown Windsor Bale Verte Gander Clarenville Conception Bay South Labrador City Carbonear Springdale

TABLE 19

* FIREFIGHTING EQUIPMENT WITHIN THE PROVINCE

AS OF DECEMBER 31, 1987

Aerial Ladders.....	8
1050 GPM ULC Pumps.....	4
840 GPM ULC Pumps.....	30
625 GPM Pumps.....	90
510 GPM Pumps.....	17
Salvage Tenders.....	5
Foam Tenders.....	1
Intermediate Fire Pumper Trucks.....	35
Fire Pickups w/front Mounted Pumps	16
Fire Pickup w/fixed Pumps.....	62
Water Tenders.....	6
All Terrain Firefighting Units.....	1
Firefighting Packates (portable pump, hose, etc.).....	117
with or without support vehicle.	
Foam Pumper Trucks (Industrial).....	3
Federal Fire Pumps (DPW).....	5
Federal Fire Pumps (National Parks).....	1
Canadian Forces Pumps (CFS).....	2
Federal Airport Fire Trucks.....	28

*Does not include support vehicles such as cars, station wagons, pickups, vans and other assigned to some fire departments. Further, does not include forestry firefighting equipment not the fixed fire equipment by many industrial concerns.

TABLE 20